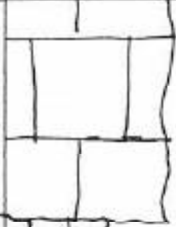

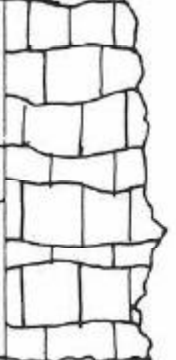



Figure A1.2: Outcrop photo of abandoned quarry exposure along Frisbie Road in Johnson County. Black line indicates the level of a thin shale that is the middle Farley Shale and divides the section into the three members of the Farley Limestone. Scale bar is 1.5 meters.

Rock Unit(s): Farley LS

Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed. Struct. & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
6cm		~ 9 x 100		Peloidal, Skeletal Rockstone			FR-3		Single massive, hard
20cm		n 100 x 100		Phyl. Algal Wackestone + Fossil. Shale			FR-2b		Upper shale grain are well cemented & more calcareous
							FR-2a		Lower shale are darker w/ more @ + #
100cm		n 100 x 100		Phylloid Algal Wackestone	Coarse spar in fossils & phyl. large brachs filled w/ coarse spar (0.5-2mm) (~15-20%)		FR-1		Ledge steps back ~20 ft
40cm		@ # @		Fossiliferous Siltstone					Horizon 5 large, more ab. brachs filled w/ coarse spar.

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1:20 cm

Rock Unit(s): Farley Ls

Thickness	Lithology & Weathering Profile	Fossils & Grains	Sed. Struct. & Diag. Feat.	Rock Name (Dunham)	Cement	Color	Sample No.	Photo No.	Additional Remarks
15cm		FA #8	4.8	Phylloids Algal Weckstone	Sp. is relatively coarse in this section: found in fossil phyls, shales present (306)		P25		Clean of shale. Irregularly bedded, wavy & fractured Top is weathered; soil profile sits directly on top of Farley
20									
60									
30									
40									
45									
30									
15									
20cm									
53cm									
20cm		FA #8	4.8	Phyl. Algal Weckstone Oolite, reddish Weckstone Fossil. 5.16cm			P24		Marker Bed
20cm									
20cm									

Date 2-23-98

Location Frystone Road Quarry

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1,200m

Locality HM: Quarry section. Measured in an active quarry operated by Hunt-Midwest Mining Company. Quarry is located south of 95th Street in DeSoto, KS. Section was measured along the east wall of the quarry in the southeast corner.. Measured section includes the Island Creek Shale and a complete Farley Limestone Section. The Argentine Limestone and the Bonner Springs Shale are also well exposed in this quarry. Aggregate samples KU-8, KU-9, KU-10 as well as KDOT-7, 8, 9, 10, 11 are from this quarry.

